

CLAIMS

What is claimed is:

1. A lamp, in particular a built-in lamp for ceilings and/or walls, comprising:
 - a built-in housing (1) designed to receive an illuminant, reflector and associated mechanical and electrical or electronic components,
 - a housing frame (2) couplable to the housing (1) and a functional frame (3) supported in an outwardly pivotal manner with respect to the housing frame (2), and
 - a closing arrangement active between the housing frame (2) and the functional frame (3), wherein the closing arrangement comprises at least one wire spring (4) with a fixing region (6), a spring section (7) which adjoins the fixing region (6) in an angled manner at a side and whose end region is made as a bolt element (5) and cooperates with a latch receiver (10) in the functional frame (3) as well as of a spring limb (8) which adjoins the fixing region (6) at the other side and cooperates with the functional frame (3) over a presettable pivoting range.
2. A lamp in accordance with claim 1, wherein the housing frame (2) is received in the housing (1) in a shape matched manner and the wire spring (4) is arranged with its fixing region (6) and the spring section (7) bearing the bolt element (5) in a cut-out (12) at the outside of the housing frame (2) which is covered by the wall of the housing (1) while defining the fixing region (6).

3. A lamp in accordance with claim 2, wherein the connection region (9) of the wire spring (4) engages over the housing frame (2) and the spring limb (8) adjoining the connection region (9) and disposed at the frame inner side is disposed in the pivot path of the functional frame (2) and acts resiliently on it in the opening direction.

4. A lamp in accordance with claim 1, wherein the spring section (7) is pivotal in the recess (12) in dependence on the movement of the bolt element (5) which extends inwardly through a guide slit (16) through the housing frame (2) and cooperates with the latch receiver (10) provided in the functional frame (2) with the functional frame (3) pivoted inwardly.

5. A lamp in accordance with claim 1, wherein the bolt element (5) is formed by an angled end region of the spring section (7) extending through the guide slit (16) in the housing frame (2); and in that the associated latch receiver (10) in the functional frame (3) consists of a spring member with an ingoing slider (13) and an outgoing slider (15) and a latch position (14) provided therebetween, with the latching and unlatching of the pin-shaped bolt element (5) taking place by exertion of pressure onto the functional frame in its closing direction.

6. A lamp in accordance with claim 1, wherein a heat-resistant plastic sleeve (11) is attached to the angled end region of the spring limb (7).

7. A lamp in accordance with claim 1, wherein the pivot joints allowing the pivoting of the functional frame (3) in each case comprise a plug-in spigot (20) received in a passage bore of the housing frame (2) and extending into a recess (21) of the functional frame (3), with the plug-in spigot (20) being held in its position by an elastic resilient region (19) of the housing (1).
8. A lamp in accordance with claim 1, wherein the functional frame (3) contacts a peripheral seal (17) held in the housing frame (2), in particular under bias, in the inwardly pivoted and latched position.
9. A lamp in accordance with claim 1, wherein the functional frame (3) is made as a bearer of a reflector or of a part reflector.
10. A lamp in accordance with claim 1, wherein the functional frame (3) bears a light permeable cover plate and/or scattering plate.